

RESOLUTION NO. 2001-164

A RESOLUTION OF THE LODI CITY COUNCIL APPROVING THE LODI SMALL BUSINESS  
2001 LOAD CURTAILMENT PILOT PROJECT, AND AUTHORIZING THE CITY MANAGER  
TO SIGN A CONTRACT ALLOWING SILICON ENERGY TO MANAGE THE PROJECT  
ON BEHALF OF THE CITY OF LODI

WHEREAS, the State has mandated that beginning January 1, 1998, the City of Lodi is obligated to fund various programs through a Public Benefits Charge (PBC) based on a historical electric revenue requirement; and

WHEREAS, the requirement amounts to approximately \$1M per year that must be dedicated to qualifying programs such as energy efficiency. A further stipulation is that these efforts must be done on the customer's side of the meter in order to qualify; and

WHEREAS, the California Energy Commission (CEC), as authorized in state legislation, has developed a series of energy conservation programs designed to reduce energy consumption through the remainder of 2001, one of which is the "Demand Responsive HVAC & Lighting Building Systems Program"; and

WHEREAS, this program will allow for individual electric utilities to automatically reduce air conditioning and/or lighting consumption at participating customer sites. The overall goal of the CEC's program is to reduce hundreds of megawatts of electric energy usage during the designated peak hours (for the summer of 2001, the peak hours are considered 11 a.m. to 7 p.m., Monday through Friday); and

WHEREAS, the City of Lodi Electric Utility, in partnership with Silicon Energy, is proposing the Lodi Small Business 2001 Load Curtailment Pilot Project. The target is the nearly 2,000 small commercial electric utility customers of Lodi; and

WHEREAS, through participation in this program, a new seven-day programmable thermostat is installed at the customer's site and then connected to a controller module with integrated 2-way, wireless communications hardware. When the California Independent System Operator (CAISO) issues a request for load-shedding or curtailment, the device installed at the participating small business sites is notified via this communications link – automatically setting the thermostat to a higher temperature. The result is reduced energy consumption through reduced air conditioning usage. The total CEC funding requested is \$725,000 to implement the Lodi Small Business 2001 Load Curtailment Pilot Project; and

WHEREAS, under the proposed City of Lodi program (funded via the CEC's "Demand Responsive HVAC & Lighting Building Systems Program"), Silicon Energy will serve as the general contractor to ensure that all communication links, thermostats and modules are properly installed to customer satisfaction.

NOW, THEREFORE, BE IT RESOLVED that the Lodi City Council hereby approves the Lodi Small Business 2001 Load Curtailment Pilot Project and authorizes the City Manager to sign a contract allowing Silicon Energy to manage the project on behalf of the City of Lodi.

Dated: June 20, 2001

I hereby certify that Resolution No. 2001-164 was passed and adopted by the City Council of the City of Lodi in a regular meeting held June 20, 2001, by the following vote:

AYES: COUNCIL MEMBERS – Hitchcock, Howard, Land, Pennino and Mayor Nakanishi  
NOES: COUNCIL MEMBERS – None  
ABSENT: COUNCIL MEMBERS – None  
ABSTAIN: COUNCIL MEMBERS – None

  
SUSAN J. BLACKSTON  
City Clerk